

**Steven M. Bartell, Ph.D.**

Group Manager for Scientific and Technical Reviews

Email Address: [Steve.Bartell@ornl.gov](mailto:Steve.Bartell@ornl.gov)  
Mailing Address: P.O. Box 124, Greenback TN, 37742  
Telephone Number: (865) 244-6893

Formerly a research scientist in the Environmental Sciences Division at the Oak Ridge National Laboratory, Dr. Steven M. Bartell is currently a Senior Principal and Practice Group Manager for Ecological Modeling with Cardno, Inc. He is also an adjunct faculty member in the Department of Ecology and Evolutionary Biology at the University of Tennessee, Knoxville.

Dr. Bartell's areas of expertise include systems ecology, ecological modeling, ecological risk analysis, risk-based decision analysis, vulnerability analysis, numerical sensitivity and uncertainty analysis, environmental chemistry, and environmental toxicology. He works with public and private clients in ecological risk assessment, environmental analysis, ecological planning, and ecosystem restoration. Dr. Bartell has conducted ecological risk assessments for a diverse set of environmental stressors: ecological disturbances from oil spills in the Gulf of Mexico (BP), commercial navigation on the Upper Mississippi and Illinois Rivers (USACE); risk of invasive species establishment (USDA); habitat alteration and degradation (USDOE, USACE); multiple chemical stressors in the Patuxent River and estuary (NOAA, USEPA); radionuclides and toxic metals (several Canadian mining companies); and herbicides and pesticides (Syngenta). Bartell has also managed and technically contributed to large-scale projects in adaptive management and restoration for the Florida Everglades (USDOI), the Lower Columbia River (USACE), and the Upper Mississippi River (USACE).